Index of Claims



Application No.

09/242,657

Examiner

Applicant(s)

JENSEN ET AL.

Art Unit

Gerald G Leffers Jr., PhD

1636

| <b>√</b> | Rejected |
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| =        | Allowed  |

(Through numeral) Cancelled

Ν

**Appeal** Α

0

Restricted

Interference

Non-Elected

Objected

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|  | -   | 47       | ⊢ | +  | +  | +  | ╀            | +  | ╀  | ┼-              |
| <u> </u>                                   | 1<br>2<br>3<br>4                                  | V        |   | +  | ╀  | +  | $\vdash$     | ╁  | ⊢  | +               |
| -  | 12  | V        | - | ╀  | ╀  | +  | 1            | ╄  | ╄  | 1               |
|  | 3   | 1        | ┡ | -  | ₩  | <u> </u>   | ╄            | ╄  | ╀  | 1               |
|  | 4   | 2        | _ | ┼  | 1  | _  | -            | ╄-   | ╙  |                 |
|  | 18  | Ļ,       | L | ↓_   | ↓  | 1_   | ļ            | ↓_   | ↓_   | ļ               |
|  | 6<br>7  | V        | L | 1  | ـ  | ↓_   | ـ            | ↓_   | <u> </u>   | ļ_              |
|  |   | V        | ╙ | ┺  | ↓_   | ↓_   | ┺            | ↓_   | ↓_   | 1               |
|  | 8   | V        | L | _  | ┸  | _  |              | _  | ļ  | <u> </u>        |
|  | 9   | 2        | L | ₋  | <u> </u>   | 上  |              | <u> </u>   | 辶  | 丄               |
|  | 10  | <u> </u> | L | _  | ╙  | ┖  | _            |  |  | _               |
|  | 11  | V        | L | <u> </u>   | _  | 1_   | $oxed{oxed}$ | L  | $\perp$  | $\perp$         |
|  | 12  | <u> </u> | _ | 1  | <u> </u>   | <u> </u>   | <u></u>      | 丄  |  | $\perp$         |
|  | 13  | V        | L |  |  |  |              |  |  |                 |
|  | 14  | V        |   |  |  |  | <u> </u>     |  |  |                 |
|  | 15  | レレン      | Ĺ | L  | L  | L  | L            |  | L  |                 |
|  | 9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17 | V        |   |  |  |  |              | $\Box$   |  |                 |
|  | 17  | V        |   |  | Π  | Π  |              | Π  | Г  |                 |
|  | 18<br>10<br>20                                    | V        |   |  | Τ  | Г  |              |  | Γ  |                 |
|  | 10  |          | Г |  | П  |  |              | П  |  |                 |
|  | 20  |          |   | Т  |  |  |              | Г  |  |                 |
|  | 21  | 1        |   |  |  |  | T            |  |  |                 |
|  | 22  | =        |   |  | T  |  |              |  |  |                 |
|  | 22<br>23<br>24<br>25<br>28                        | <b>V</b> |   |  |  |  |              |  |  |                 |
|  | 24  | •        |   | T  | T  | 1  | T            | T  | t  | Ħ               |
|  | 25  | 1        |   |  |  |  |              | Т  |  |                 |
|  | 26  |          |   |  |  |  |              |  |  |                 |
|  | 27  | 1        |   | 1  | ऻ  | T  |              |  |  | М               |
| 1  | 28  | Ĭ        |   |  |  | T  |              | t  |  | H               |
|  | 29  | П        |   | ┢  |  | Ι-   | Г            | $\vdash$   |  | П               |
|  | 30  | Н        |   | t  | H  | $\vdash$   | $\vdash$     | t  | $\vdash$   | Н               |
|  | 31  | Н        | _ | ╁╾╴  | <del>                                     </del> | <del>                                     </del> | _            | $\vdash$   | <del>                                     </del> |                 |
| -  | 32  | $\vdash$ |   | T  | <del>                                     </del> | $t^{-}$  | <del> </del> | T  | _  | $\vdash$        |
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|  | 34  | H        |   | <del>                                     </del> |  | t  |              | <del> </del>                                     | <del> </del>                                     | $\vdash$        |
| <b>—</b>                                   | 35  | $\vdash$ |   | $\vdash$   |  |  | $\vdash$     |  | $\vdash$   | H               |
|  | 35<br>36  | $\dashv$ |   |  |  | $\vdash$   | $\vdash$     |  |  | H               |
|  | 37  | $\vdash$ |   |  | $\vdash$   |  | $\vdash$     | H  | $\vdash$   | Н               |
|  | 38  |          |   |  | <del>                                     </del> | <u> </u>   | $\vdash$     | H  | <u> </u>   | $\vdash$        |
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| $\vdash$                                   | 41  | -        |   | $\vdash$   | $\vdash$   | -  | $\vdash$     | -  | ├  | $\vdash$        |
| <b>—</b>                                   | 42  | $\dashv$ |   | $\vdash$   | $\vdash$   | $\vdash$   |              | $\vdash$   |  | Н               |
|  | 43  | $\vdash$ |   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$   | <u> </u>   | $\vdash$        |
| <u> </u>                                   | 43  | $\vdash$ |   | $\vdash$   | <u> </u>   | $\vdash$   |              | ├  | <del> </del>                                     | $\vdash \vdash$ |
| <u> </u>                                   | 45  | $\dashv$ |   | $\vdash$   | $\vdash$   | -  | -            | ├—   | _  | Н               |
| -  |   |          |   | <del> </del>                                     | -  | $\vdash$   |              |  | ļ  | $\vdash \dashv$ |
| $\vdash$                                   | 46  |          |   |  | Ь  | <u> </u>   | _            | $\vdash$   | <b>—</b>   | Н               |
|  | 47  |          |   | $\vdash$   |  |  | <u> </u>     | $\vdash$   |  | <b></b>         |
|  | 48  | $\dashv$ |   | $\vdash$   | Ш  | $\vdash$   | _            | $\vdash$   | $\vdash$   | Н               |
|  | 49  | -        |   | <u> </u>   | $\vdash$   | $\vdash$   | _            | <u> </u>   |  | $\vdash$        |
| L  | 50  |          |   | ட  |  | L  |              | Ļ  | L  | لـــا           |

| Claim    |  | Π            |              |              |          | Dat          | e  |          |               |  |
|----------|--|--------------|--------------|--------------|----------|--------------|--|----------|---------------|--|
|          |  | 1            | F            | 1            | T        | Ī            | Ť  | Т        | П             | ī  |
| <u>~</u> | Original                               | ŀ            |              |              |          | 1            |  |          | 1             |  |
| Final    | Ę                                      | Ī            | ı            |              |          |              | l  |          |               | Ī  |
|          | 1                                      |              |              |              | 1        |              |  | 1        |               | ł  |
|          | 51<br>52                               | П            |              | П            |          | Т            | Т  |          | П             | П  |
|          | 52                                     |              |              |              |          |              |  |          |               |  |
|          | 53<br>54<br>55                         |              |              |              | L        |              |  |          | <u> </u>      |  |
|          | 54                                     |              |              |              |          |              |  |          |               |  |
|          | 55                                     |              |              |              |          |              |  |          |               | L  |
|          | 56<br>57                               |              | ┖            | $oxed{oxed}$ | _        | _            | ┖  | _        | L             | _  |
|          | 57                                     |              |              | ╙            | L        | ╙            | ــــــــــــــــــــــــــــــــــــــ           | ↓        | ļ             | _  |
|          | 58                                     |              |              | <u> </u>     | ļ        | ļ            | ↓_   | <b>!</b> | <u> </u>      | <u> </u>   |
|          | 59                                     | ļ            | <u> </u>     | ⊢            | ⊢        | ₩            | ┢  | ⊢        |               | ┡  |
|          | 60                                     | _            | -            | $\vdash$     | ┝        | <u> </u>     | ├  | ⊢        |               | ├  |
|          | 61<br>62                               | ļ            |              | <del> </del> | ├        | <u> </u>     | 1  | -        | ├             | ├  |
|          | 63                                     | <del> </del> | <del> </del> | ⊢            | ┝        | ⊢            | ╀  | ⊢        | ├             | ┢  |
|          | 64                                     | ├            | -            | <u> </u>     | $\vdash$ | ⊢            | +  | ╁        | ⊢             | -  |
|          | 64<br>65                               | -            | -            | -            | ⊬        | ╁            | ⊢  | $\vdash$ | ├             | ⊢  |
|          | 66                                     | 1            | ⊢            | H            | ┢        | ╁            | ╁  |          | -             | -  |
|          | 67                                     | $\vdash$     | ├            | $\vdash$     | H        | ├            | ╆  |          | -             | -  |
|          | 68                                     | $\vdash$     | ⊢            | $\vdash$     | ⊢        | $\vdash$     | ┢  | $\vdash$ | ⊢             | ┢  |
|          | 60                                     |              | -            | $\vdash$     | ┢        | <del> </del> | ⊢  | $\vdash$ |               | ⊢  |
|          | 69<br>70<br>71                         | $\vdash$     | $\vdash$     | ┢            | $\vdash$ |              | ┝  |          | ├─            | -  |
|          | 71                                     | ├─           | -            |              | ╁        |              | ╁  | ┢        | -             |  |
|          | 72                                     | $\vdash$     | Η-           | -            |          | -            | ╁  | ╁╌       | -             |  |
|          | 72<br>73<br>74<br>75<br>76<br>77<br>78 | -            |              | $\vdash$     | Н        | $\vdash$     | ┢  | -        | ┢             | <del>                                     </del> |
|          | 74                                     |              |              | 一            | $\vdash$ | $\vdash$     |  |          |               | $\vdash$   |
|          | 75                                     |              |              |              |          |              |  | İ        |               |  |
|          | 76                                     |              |              |              |          |              |  |          | -             |  |
|          | 77                                     |              |              |              |          |              |  |          |               |  |
|          | 78                                     |              | ,            |              |          |              |  |          |               |  |
|          | 79                                     |              |              |              |          |              |  |          |               |  |
|          | 80<br>81                               |              |              |              |          |              |  |          |               |  |
|          | 81                                     |              |              |              |          |              |  |          |               |  |
|          | 82                                     |              |              |              |          |              |  |          |               |  |
|          | 83                                     | Ш            |              |              | <u>L</u> | _            |  | L        |               |  |
|          | 84                                     |              |              | L            |          | <u> </u>     | <u> </u>   | <u> </u> |               |  |
|          | 85                                     |              |              |              |          |              | <u> </u>   |          |               | _  |
|          | 86                                     |              |              |              | -        |              | ļ  | <u> </u> |               |  |
|          | 87                                     | -            |              | _            | _        | _            |  |          |               |  |
|          | 88<br>89                               | -            |              |              |          | -            | <u> </u>   | H        |               |  |
|          | 90                                     |              | _            |              |          | $\vdash$     |  | $\vdash$ |               |  |
|          |  | -            | _            |              |          |              |  | Н        | _             | -  |
|          | 91                                     | -            | -            |              |          | -            |  | $\vdash$ | -             | $\vdash$   |
|          | 93                                     | $\dashv$     | $\dashv$     | <u> </u>     | -        | Н            |  | $\vdash$ |               | $\vdash$   |
|          | 94                                     |              | -            |              |          |              |  | H        | -             |  |
|          | 95                                     | -            | -            |              |          |              | <del>                                     </del> | H        |               | $\dashv$   |
|          | 96                                     |              | _            |              |          |              | -  | $\vdash$ |               | $\vdash$   |
| $\neg$   | 97                                     | $\neg$       |              |              | _        | _            |  | $\vdash$ |               |  |
|          | 98                                     | -            | ┪            |              |          |              |  | $\vdash$ |               |  |
|          | 99                                     |              |              |              |          |              |  |          |               |  |
|          | 100                                    | $\neg$       |              |              |          |              |  |          | $\overline{}$ | _  |

| Claim                  |   |  | Date   |  |  |              |  |  |              |  |  |  |
|------------------------|---|--|--|--|--|--------------|--|--|--------------|--|--|--|
|                        |   |  |  |  |  | Ī            |  |  | Π            | Γ  |  |  |
| Final                  | Original                                      | 1  | 1  |  | 1  |              |  |  |              |  |  |  |
| i <u>E</u>             | Ę   |  |  |  |  | ľ            |  |  |              |  |  |  |
| ľ                      | 0   | 1  |  |  |  |              |  |  |              |  |  |  |
|                        | 101   | Τ  | 1  | T  | $\top$   | T            | 1  | Ì -  | T            |  |  |  |
|                        | 101<br>102                                    |  | Т  |  | 1  |              |  | T  |              |  |  |  |
| -                      | 103   | <u> </u>   | ✝  | ✝  | 1  | ┢            | T  | T  |              |  |  |  |
|                        | 104   | T  | ✝  | T  | †  | T            | T  |  | T            |  |  |  |
|                        | 105   | ┢  | 1  | t  | 1  | t            |  | ┢  | $\vdash$     | <del>                                     </del> |  |  |
|                        | 106   | 1-   | T  | $\vdash$   | †  |              | T  | T  | T            | T  |  |  |
|                        | 107   |  | t  | T  | t  | t            | $\vdash$   | $t^-$  | 1            | †  |  |  |
| \                      | 108   | $\vdash$   | T  | T  | t  |              | t  |  |              |  |  |  |
|                        | 108<br>109                                    | T  |  | <del>                                     </del> | $\vdash$   | T            | T  | 1  | t            |  |  |  |
|                        | 110   | _  | <b>†</b>   | 1  | $\vdash$   | 1            | 1  | 1  | T            | T  |  |  |
|                        | 111   |  |  | T  | t  | t            |  | t  | $t^-$        |  |  |  |
|                        | 112   |  |  | t  | T  | 1            | T  | T  | $\vdash$     | 1  |  |  |
|                        | 113   |  | t  | t  | t  |              | $\vdash$   | <del>                                     </del> | t            | H  |  |  |
|                        | 114   |  | $\vdash$   | ┢  | +-   | <del> </del> | <del> </del>                                     |  | 1            |  |  |  |
|                        | 113<br>114<br>115                             |  | <del>                                     </del> | <del> </del>                                     | <del>                                     </del> | H            | T  | t  | I            | $\vdash$   |  |  |
|                        | 116   | <del>                                     </del> | <del>                                     </del> | $\vdash$   | +  | †            | <del>                                     </del> | $\vdash$   | +-           | <del>                                     </del> |  |  |
| $\vdash$               | 116<br>117<br>118<br>119                      | $\vdash$   | $\vdash$   | +  | $\vdash$   | $\vdash$     | <del> </del>                                     | t  | $\vdash$     | $\vdash$   |  |  |
| <b></b>                | 118   | ├  | ╁  | $\vdash$   | +  | ├            | ╁  | $\vdash$   | $\vdash$     | $\vdash$   |  |  |
|                        | 110   |  | ╁  | ┼  | ╁  | $\vdash$     | <del> </del>                                     | ╁  | ╁            | ┢  |  |  |
|                        | 120   |  | <del> </del>                                     | ╁  | $\vdash$   | $\vdash$     | $\vdash$   | ┢  | ╁            | $\vdash$   |  |  |
|                        | 120<br>121<br>122<br>123                      | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | ├            | ┝  | ╁  | ╁            | Н  |  |  |
|                        | 121   | ┝  | $\vdash$   | ├-   | ┢  | ├            | ├  | ├  | ┡            | Н  |  |  |
| $\vdash$               | 122   | ⊢  | ⊢  | ├  | ┢  | ╁            | ┢  | ├-   | ├            |  |  |  |
| $\vdash$               | 123   |  |  | ┢  | ├  | ⊢            |  |  | <u> </u>     | Н  |  |  |
|                        | 124   | -  |  |  | ⊢  | -            |  | -  | ⊢            | Н  |  |  |
| $\vdash$               | 124<br>125<br>126<br>127<br>128<br>129<br>130 |  | -  | $\vdash$   | ⊢  | $\vdash$     | <u> </u>   | -  | -            | Н  |  |  |
|                        | 120   |  | ⊢  | $\vdash$   | ┢┈   |              | -  | <del> </del>                                     | ┝            | $\vdash$   |  |  |
|                        | 127   |  | -  | <u> </u>   | ├  | <del> </del> | ⊢  |  | ├            | Н  |  |  |
|                        | 120   |  | -  | Ŀ  | -  | ├-           | ⊢  | ┝  | <del> </del> | Н  |  |  |
|                        | 129   |  | _  | ⊢  | -  | ļ            | <u> </u>   | <u> </u>   | <u> </u>     |  |  |  |
| $\vdash$               | 130   |  | -  | -  |  |              | <u> </u>   | <u> </u>   | <del> </del> | Н  |  |  |
| <b>  </b>              | 131   | _  | <u> </u>   | -  | ⊢-   |              | <u> </u>   | $\vdash$   | -            | $\vdash$   |  |  |
|                        | 132<br>133                                    |  | $\vdash$   | ├  | 1  | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash \downarrow$                              |  |  |
|                        | 133   |  | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>     | <u> </u>   | <u> </u>   | <u> </u>     | Щ  |  |  |
|                        | 134   |  | <u> </u>   | ļ  | <u> </u>   | L            | L_   |  |              | Щ  |  |  |
|                        | 135<br>136                                    |  | $\vdash$   | -  | ├  | $\vdash$     | <u> </u>   | <u> </u>   | <u> </u>     | Ы  |  |  |
|                        | 136   |  | <u> </u>   | -  | <del> </del>                                     | $\vdash$     | $\vdash$   | <u> </u>   | ļ            | Н  |  |  |
| $\vdash \vdash \vdash$ | 137   |  | <u> </u>   | L  | <del> </del>                                     | _            | <u> </u>   | <b> </b>   | <u> </u>     | $\sqcup$   |  |  |
| $\longmapsto$          | 138   | _  | <u> </u>   | ⊢-   |  | $\vdash$     | <u> </u>   | ļ  | ⊢_           | Щ  |  |  |
| <b>├</b>               | 139   | _  | ļ  | <u> </u>   | ⊢  | $\vdash$     | <u> </u>   | <u> </u>   | ├_           | Щ  |  |  |
| $\longmapsto$          | 140   | ·  | ļ  | <u> </u>   | ⊢  | Ш            | Ш  | L  | <u> </u>     | Щ  |  |  |
|                        | 141   |  | <u> </u>   | <u> </u>   | <u> </u>   |              | _  | <u> </u>   | L_           | Ш  |  |  |
|                        | 142   |  | Ш  | <u> </u>   | $\vdash$   | Ш            | Щ  |  |              | Ш  |  |  |
| L                      | 143   |  |  | L.   | ļ  | Щ            |  |  | <u> </u>     | Ш  |  |  |
|                        | 144   |  |  | _  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | Ш            |  | Ш  | L            |  |  |  |
|                        | 145   |  |  |  |  | Ш            |  |  |              |  |  |  |
|                        | 146   |  |  | L.,  | L  | Ш            |  |  | Ш            |  |  |  |
|                        | 147   |  |  |  |  |              |  |  |              |  |  |  |
|                        | 148   |  |  |  |  |              |  |  |              |  |  |  |
| L_↓                    | 149   |  |  |  |  |              |  |  |              |  |  |  |
|                        | 150   |  |  |  |  |              | _  |  |              |  |  |  |